



# BADGER STATE Smoke Signals



**Serving Amateur Radio in Wisconsin**

**Published Monthly Since 1969**

Vol. 16 No. 3 - 183rd Consecutive Monthly Issue - Baraboo WI - March 1985

## YOUR TRAFFIC COUNTS

By Richard Regent, K9GDF, SM WI  
5003 South 26th Street  
Milwaukee WI 53221

You can almost hear them counting, "Let's see now, four here, another originated, a couple more.. er three?"

It's that time of the month again when Wisconsin traffickers add up their traffic points. "...and maybe a book of five for three points?" Oops, apparently a few are confused.

Let's review traffic counting by defining the four categories of messages which count one point each: originated, received, sent and delivered. Notice in particular the rules for originated and delivered.



**ORIGINATED** - Any message originated by someone other than you, but filed with your station for initial transmission on the air. As examples, a message started for another person in your household, a guest at your station, a neighbor, or a County Fair visitor; each message counts as one point originated.

**RECEIVED** - Any message you receive by Amateur Radio at your station.

**SENT** - Any message transmitted from your station by radio to another station, regardless of whether the message was originated at your station or was received from another station.

**DELIVERED** - Any message delivered by you to the addressee, provided all the following conditions are met: Message was received at your station by radio, addressee is someone other than you, and message was delivered OFF-the-air (by telephone, mail, or in person.)

Next, do you know that there are only three cases where a message can count two points? Here they are:

**ORIGINATED AND SENT** - As an example, a YL visits your station and has you send her message by radio.

**RECEIVED AND SENT** - In simple terms, you receive a message from one station and

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**Badger State Smoke Signals****Officers:**

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**SWAPFESTS AND OTHER SOCIAL EVENTS**

As a service to our readers, this section of *Badger State Smoke Signals* is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

**SWAPFEST**, sponsored by W9HHX, Milwaukee School of Engineering Radio Club, will be held on **Saturday, March 2, 1985**, 8:00 a.m. to 2:00 p.m., at 1221 N. Milwaukee St., in downtown Milwaukee WI. Radio, computer, electronic gear, etc. Admission \$2.00, Tables \$3.00 each. Send legal size s.a.s.e. to W9HHX Fest, P.O. Box 644, Room C-6, Milwaukee, WI 53201-0644.

The Wisconsin QSO Party will be held from 1800Z March 10 to 0100Z March 11.

CW and Phone. Stations may be worked once per mode on each band. Mobiles may be worked once per mode per county that they operate from. Information flyer was with the Jan. 1985 issue of *Smoke Signals*. For additional information send s.a.s.e. to: Wisconsin QSO Party, %West Allis Radio Amateur Club, P.O. Box 1072, Milwaukee, WI 53201. Send entries, by April 15, 1985, to the above address. Good Luck!

The Tri-County Amateur Radio Club will hold their annual Hamfest On Sunday, March 17, 1984, at the Fairgrounds in Jefferson, Wisconsin. Tri-County ARC provides a scholarship from proceeds of this Hamfest. Air Force and Army MARS meetings. Doors open at 7:00 a.m. for sellers only with general admission 8:00 a.m. to 3:00 p.m. Food and refreshments by Jefferson County 4-H and beer by Tri-County ARC. Free parking Tickets \$2.50 advance or \$3.00 at the door. Tables \$3.00 advance or \$4.00 at the door. for advance tickets & tables send self-addressed stamped envelope to - Robert Barker, 724 Burdick St., Milton, Wisconsin 53563. (608-868-2871)

The Libertyville and Mundelein ARS will sponsor the LAMARSFEST 1985 on Sunday March 31, 1985 at the Lake County Fairgrounds, Grayslake, Illinois. Registration \$2.00 advance or \$3.00 at door. Advance tables \$5.00 (not in commercial area). Lamars, Box 751, Libertyville, IL 60048.

The 13th annual **MADISON SWAPFEST**, sponsored by the Madison Area Repeater Association, will be held on Sunday, April 21, 1985 at the Dane County Expo Center Forum Building in Madison WI. Dealers and commercial exhibitors, electronic equipment & components for Hams, computer hobbyists & experimenters. All you can eat pancake breakfast - beef bar-b-que luncheon. Admission: \$2.50 in advance or \$3.00 at the door (children 12 and under free). Tables: \$4.00 advance or \$5.00 at the door. Reserve early -- sold out last year. Reservations not accepted after April 15, 1985. Mail to MARA, Box 3403, Madison, WI 53704. (Flyer enclosed with this issue for MARA, a Badger State Booster)

The Ozaukee Radio Club presents its seventh annual **SWAPFEST** at Cedarburg, WI, on Saturday May 4, 1985, 8:00 a.m. to 1:00 p.m. Held in the Circle B Recreation Center, intersection of Highway 60 and county I. Advance admission \$2.00 (\$3.00 at the door). 4-foot tables \$2.00 **ADVANCE ONLY**. (reserve early - sold out last year) Send with business size s.a.s.e. to D.R.C. Swapfest Committee, 101 East Clay St., Saukville, WI 53080.

Kankakee Area Radio Society HAMFEST, Sunday, May 5, 1985 at the Kankakee County Fairgrounds, Kankakee, IL. S.A.S.E. to Kankakee Area Radio Society, 1377 Circle Dr. NW, Kankakee, IL 60901.

The De Kalb Hamfest sponsored by the Kishwaukee ARC will be held Sunday May 5, 1985 at the Sandwich Fairgrounds on Suydam Road, just north of route 34, Sandwich, IL. \$2.00 advance or \$3.00 at gate. For tickets write KARC, Box 334, Sycamore, IL 60178

### CLUB MEETINGS:

Central Wisconsin Repeater Assn.:  
Annual meeting March 2, 1985. at 7E's Supper Club. County Highway V at I-90 near De Forest.

6:00 pm - Attitude adjustment hour.  
7:00 pm - Eat - order off the menu.  
8:30 pm - CWRA annual meeting.

Kettle Moraine Radio Amateurs:  
All meetings are held on the SECOND (2nd) Friday of each month.

Madison Area Repeater Association  
Swapfest, April 21, 1985 - details elsewhere in Smoke Signals.

Manitowoc County Radio Amateurs  
MANCORAD meets on the third Wednesday of the month at 7:30 p.m. at Manitowoc Red Cross at 20th and Washington Streets in Manitowoc WI.

A CHANGE HAS BEEN MADE for the Manitowoc County Group's (MANCORAD) Spring Dinner. Here 'tis:

Date: May 4, 1985. Site: Eagles Club, Manitowoc WI. Time: 7:00 p.m. Reservations must be in by April 29, 1985. No price is available yet.

Milwaukee Radio Amateurs Club:  
All regular meetings of MRAC scheduled for 1985 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

1985 meetings will be Mar. 14, Apr. 11, May 9, June 13, Sep. 12, Oct. 10, Nov. 14.

Riverland Amateur Radio Club  
Regular meetings are held at 7:30 P.M., on the first Wednesday of each month in the Onalaska Community Center in Onalaska, WI.

South Milwaukee Amateur Radio Club  
Meetings held at Legion Post 434, Shepard Ave., Oak Creek, on first Wednesday of the month. Auctions held at March and October meetings.

West Allis Radio Amateurs Club  
Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

March 5, Field Day meeting.  
March 10, Wisconsin QSO Party.

The Wisconsin Valley Radio Association  
(Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club:  
(Baraboo, WI)

All regular meetings of YTARC are held in room 30 of the Baraboo Civic Center. (note new room nr.)

The meeting dates for 1985 are:  
Mar. 13, Apr. 11, May 20, June 11, July 10, Aug. 15, Sep. 16, Oct. 15, Nov. 13, & Dec. 12.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISSELANIUS MISCELLANEOUS MISCELLANEOUS  
Oh what the heck -- items of interest:

Central Wisconsin Repeater Association  
(Baraboo/Madison)

The CWRA board is analyzing all available data to try to solve the noise problem on 28-88. Hopefully a capital expenditure of 3000 or more dollars can be avoided. Keep informed by asking questions at the Sunday morning Swap Net. W9FZC, John, is on the CWRA Board and if he doesn't know the answer to your questions, I'm sure he would be willing to find out and get back to you.

Four Lakes Amateur Radio Club  
THE FEEDLINE

Ed, K9QXY, has been heard on the 146.34/94 repeater since early January. It seems ironic that after they finally got Ed to move to Milwaukee, that they (his employe) sent him back to Madison for an extended period.

John Cerniglia, ND7B, has been elected President of the Scottsdale A.R.C., K7TR, in Scottsdale, AZ. John was quite an active FLARC member, before his job forced him to move west.

#### Riverland Amateur Radio Club (La Crosse area)

For news of the Riverland Amateur Radio Club, see their section of Smoke Signals.

#### Tri-County Amateur Radio Club

Swapfest, Sunday, March 17, 1985 at Jefferson, WI. Details in Swapfest section.

#### Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

#### West Allis Radio Amateurs Club

HAMTRIX

The 1985 Midwinter Swapfest was a great success. The mild weather brought a record crowd out to our 13th annual event. Many comments have been received and noted as to improvements and ideas for next year. Further ideas are welcome.

Les, W9YCV, recuperated from our Swapfest sufficiently to enter the ARRL January VHF Sweepstakes on Sunday afternoon and evening. Out of 47 contacts on 2 meter CW/SSB, 21 grid squares and 8 states were worked. The prize contact was with W0RWH in Northeast Missouri (grid square EM39), a new one for Les. He now has 54 grid squares confirmed towards his VUCC.

#### Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

#### SCHOLARSHIPS

The Foundation for Amateur Radio, Inc., a non-profit organization with Headquarters in Washington, D.C. plans to award nineteen (19) scholarships for the academic year 1985-86.

The Foundation, composed of fifty local area Amateur Radio clubs, fully funds two of these scholarships from the proceeds of its annual Hamfest.

It administers, without cost to the

donors, seven (7) scholarships for the Quarter Century Wireless Association, two (2) for the Dade (FL) Radio Club, and one (1) each for the Radio Club of America, the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Edmund G. Redington Memorial, the Amateur Radio News Service, the Columbia (MD) Amateur Radio Association, the Baltimore (MD) Amateur Radio Club, and the Lewis W. Wilkinson Memorial.

Licensed Radio Amateurs may compete for one or more of these awards if they plan to pursue a full-time course of studies beyond high school, and are enrolled or have been accepted for enrollment in an accredited university, college or technical school.@@

Most of the scholarships require the applicant to hold at least an FCC General Class license or equivalent. The scholarship awards range from \$350 to \$900, with preference given, in some cases, to residents of specified geographical areas, or the pursuit of certain study programs.

Additional information and an application form can be requested by a letter or QSL/postcard, postmarked prior to May 31, 1985 from:

F A R Scholarships  
6903 Rhode Island Avenue  
College Park MD 20740

The Foundation is devoted exclusively to promoting the interests of Amateur Radio, and to those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

#### FILLER

FROM PACK RAT CHEESE BITS via ARNS.

Golf is no longer a rich man's game - there are millions of poor players. A golfer is a chap who yells "Fore!", takes six and puts down five. Golf is what men do when they're too tired to mow the lawn. There are bigger things than money, bills for instance. Shark steak is considered a delicacy. In other words, despite all that you've heard, you're much more likely to see a man eating a shark than a man-eating shark. A sign appearing in many factories, "look Alive, You can be replaced by a button." A desk is a waste paper basket with drawers. And, never meet trouble half way, it'll make the whole trip if it wants to.



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send it to another station. This is the major function of the Official Relay Station (ORS). It keeps traffic moving.

RECEIVED AND DELIVERED - You receive an Easter message on-the-air and telephone the addressee for delivery, for example.

Then, are you aware that some messages count less than one point each? It's a message in book form, time savers used when messages have identical parts. This could be a bunch of Christmas messages with the same text and signature, but going to different relatives, messages lumped into a book.

When you send or receive messages in book form, count one point for every three messages in the book, plus another point for any over a multiple of three, up to and including the next multiple of three.

For instance, books of either 4, 5 or 6 messages count two points. This means that one message in a book of six counts one-third point! You earn more points per message, one-half point each, with books of two or four.

Larger books of seven, ten, thirteen, and so forth, outscore multiples of three, but still they don't count as much as the popular two- or four-message books.

Breaking up large books for sending to different stations increases their value. A book of twelve is worth only 4 points, but, if separated into three books of four, it becomes 6 points.

No need to worry about fractional points, though, because when messages of a book are separated to be sent or delivered, they count one full point each. You may never have thought about this, but books have at least two or more messages, and messages are never originated nor delivered in books.

Finally, the traffic "total" is the sum of the message points.

Each month, a few Wisconsin Amateurs get their totals wrong, usually off by 1 or 10 points. I catch and correct most errors when receiving traffic reports directly from the reporting station, but for relayed reports, I correct errors and let the operator know later.

Here are a few handy tips to remember when making the traffic portion of your Station Activities Report (SAR): Count messages carefully, double check your

total, and list traffic in the "O R S D T" order.

What about late reports? Better late than never, because all traffic reports, late or on time, will be listed in -QST-. It's just that late reports are placed at the end of the regular traffic list in a later issue.

Low traffic totals are nothing to be embarrassed about either, instead they are valuable, too, in traffic reporting.

Most traffic reports are sent as messages to me, seldom does anyone mail a report these days. Reports sent to the Section Manager are for listing in -QST-, but Official Relay Stations (ORS) should also send the same report to the STM as an indication of appointment activity.

The -QST- Wisconsin traffic summary I prepare must be mailed to ARRL Headquarters on the morning of the 7th day following the month to be reported. So, on the night of the 6th, when all SARs should be in, you'll find me busy putting together the report on my computer. Here's the procedure:

First, I run Viewmax 80, an 80 column pre-boot program, run Visicalc, and load a traffic report template which has various titles and sum formulas for the total column. Next, I enter the month, randomly grab traffic report messages, and enter the call, points originated, received, sent, and delivered. The program automatically calculates the total.

After this total is compared to the total submitted, I jump to the next line and enter another station traffic report. "BPL" is automatically added in the last column for those who qualify. Late reports from previous months are appended.

Then some file management sorting with Versacalc, a program which allows the entire list of around fifty stations to be sorted in descending numerical order by traffic totals. This data is saved to disk for my records.

Finally, the traffic report is printed on one sheet of blank paper and mailed, along with other reports, to Headquarters.

Checking and compiling traffic reports is one of the many pleasant duties a Section Manager performs each month. If you find this story of interest or useful, please let me know and I would be glad to tell you more about another subject.

-73, Rich, K9GDF, SM WI

THE TEST POINT

The following are known locations where Amateur Radio license examinations are being given in the Badger State area.

March 2, 1985	Madison, WI
March 3, 1985	Whitewater, WI
March 13, 1985	Onalaska, WI
April 6, 1985	Sheboygan, WI
April 13, 1985	Madison, WI
April 20, 1985	Minneapolis, MN
May 5, 1985	Whitewater, WI
June 22, 1985	Minneapolis, MN
July 14, 1985	Whitewater, WI
September 28, 1985	Mt. Horeb, WI

General rules for all examinations:

All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date.

To register for these examinations you must first secure a copy of the current FCC Form 610 (the one dated June 1984) and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office, the ARRL or Badger State Smoke Signals. send a 20¢ SASE if you request one from the ARRL or BSSS. In most cases forms can also be obtained from the sponsoring group. Remember--you must file at least 30 days in advance unless otherwise indicated.

ARRL/VEC examinations require a check for \$4.00 payable to ARRL/VEC.

Additional information is given below.

March 13, 1985 Onalaska, WI

The Riverland Amateur Radio Club has license examinations scheduled for all classes on Wednesday, March 13, 1985 at 7:30 P.M. at the Onalaska Community Center. Registration deadline has passed for this examination date. If you would like to take an exam, contact Rick Williams, KV9U, at (608) 783-8028 to get all the needed information.

April 20, 1985 Minneapolis, MN  
June 22, 1985 Minneapolis, MN

ARRL/VEC -- Minneapolis Radio Club.  
Contact: Tony Becker, AEØM, 363B Pleasant Ave. S. Minneapolis, MN 55409.

Mail the Form 610 and payment to the person listed above as the "contact" person for the test. You will receive additional information giving time, actual building, etc. prior to the test date.

March 2, 1985 Madison, WI  
April 13, 1985 Madison, WI  
September 28, 1985 Mt. Horeb, WI

ARRL/VEC -- The Four Lakes Amateur Radio Club will be offering upgrade exams for all classes of Amateur radio license. The exams will be held March 2 and April 13 beginning at 8:30 a.m. in room 700, Memorial High School, Madison, Wisconsin. Talk in frequency is on 146.16/76 repeater. FCC Form 610s should be sent to Gary Lincoln, 6015 Winnequah Rd., Monona, WI 53716.

The September exam will take place in Mt. Horeb during the County Hunters Mini Convention.

March 3, 1985 Whitewater, WI  
May 5, 1985 Whitewater, WI  
July 14, 1985 Whitewater, WI

Sponsored by Tri-County Amateur Radio Club. Contact Carl, KW9W.

April 6, 1985 Sheboygan, WI

At the Red Cross Building, 1:30 p.m.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

FROM THE ARRL LETTER

The last call sign in each group to be assigned for the ninth district, as of the first of February 1985 was:

Amateur Extra	ND9D
Advanced	KD9NJ
Technician/General	N9EYY
Novice	KA9THF

A fashion journal says that cornmeal rubbed in the hair will clean it, but very few people will put themselves to so much trouble to clean the meal.

--From the 1913 files of the Florence Mining News.

## HELP NEEDED WITH TWO MILWAUKEE PARADES...

From John Leekley, WB9SMM, EC -  
Milwaukee County

The Amateur Radio Emergency Service (ARES) for Milwaukee County is soliciting commitments from Amateurs around the state to assist in the production of the City of Festivals Parade on June 22, 1985, and the Circus Parade on July 18, 1985, both to be held in Milwaukee.

The City of Festivals Parade is in its third year of production. Last year, the efforts of 73 Milwaukee area Hams in support of the parade were very successful and highly praised.

Unfortunately, there weren't enough volunteers available to do all of the jobs comfortably, and, this year, at least ten additional people will be needed (by request of the Parade Committee).

The Circus Parade is still in the fund raising stage at this point, and detailed planning has not yet commenced. With the experience of prior years' parades, however, this need not be a concern. What is a concern is that there be plenty of help available to get the job done.

If you are interested, contact John Leekley, WB9SMM, W169 N8480 Sheridan Drive, Menomonee Falls WI 53051 by letter or postcard, advising which parade (or both) you are interested in.

You will be put on a mailing list and advised periodically as to what is happening. You will be sent a briefing paper, and your assignment a few weeks before the parade.

In your letter, you should advise whether you would have difficulty walking the three mile parade route, and if you have a 450 MHz HT. A synthesized 2 meter HT is necessary for these operations.

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**FOR SALE:** Two game cartridges for VIC-20 computer: "Cosmic Cruncher" and "Omega Race". Also have three Maxell CP-10 data tapes. The whole works goes for \$12.00. Still looking for games to swap or trade

which run on C-64. Looking for 45 RPM record "Battle of Gettysburg" by Fred Darian on Jaf label. Jim Romelfanger, K9ZZ, 301 1/2 7th Street, Baraboo WI 53913. No Telephone.

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## PIA NOTES

From Public Information Officer Jim  
Romelfanger, K9ZZ  
301 1/2 7th Street, Baraboo WI 53913

Here we go again... another Amateur Radio operation from space, and, along with it, another great opportunity for PR.

This time, it's Tony England, WOORE, with a second Ham to be aboard as well. What this may permit for operating time from space isn't known to me yet. Let's hope it means what we hope it means.

The date of the flight isn't certain, with some delays probable, but it may happen during May or June. I understand that 2-meter FM is to be used, along with a possible 10 meter operation, and possibly some slow-scan television. I understand, too, that the two-meter uplink may be repeated on a 10-meter downlink.

It's perhaps a little early to do any drumbeating just yet, what with all the uncertainties about the date of the flight, but not too early to plan how you will beat your drum. Personal contact works very well in small areas, but, in large areas, news releases have to do.

I saw many, many fine examples of PR resulting from Owen Garriott's flight in December, 1983.

No media editor can be aware of everything going on, so you have to tell him/her. If you haven't done it yet, start compiling a list of contact people in the media (radio, TV, newspapers). You might drop in if you can, introduce yourself to the editor (or news director) and tell him/her about the upcoming flight.

Good luck in your PR efforts, gang! I'll be back in March or April with more info.

73, Jim, K9ZZ, PIO WI

## RIVERLAND AMATEUR RADIO CLUB

On February 6, 1985, the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Craig Goldbeck. Minutes of the January meeting were approved as read from the Badger State Smoke Signals. Treasurers report was approved.

**Old Business:** It was brought to the clubs attention that there was a need for more members to serve on the repeater committee. There were no volunteers.

There was no response for anyone on whether we should change the meeting night. So it will remain the first Wednesday of each month.

**New Business:** In order to set up a swapfest committee, volunteers from the membership were requested. Rich Williams, KV9U, and Steve Mrachek, N8CEY, volunteered to head the committee.

With warmer weather only a few months away, it was requested of Nook, K9EGO, to give us a brief explanation of properly conducting a transmitter hunt. We will be planning one for this spring or summer.

Field Day was briefly discussed with very little interest. Talk of combining Field Day with a camping get together was brought up. Any ideas on this, bring them up at the meetings.

It was noted that the RTTY repeater antenna has been permanently mounted by an installation crew who was working on the tower. Everything is operating trouble free at this time.

Rich, KV9U, reminded everyone of the upcoming exams scheduled at the center, on March 13, 1985-- requesting that anyone interested in taking an exam, please notify him by the 10th of February.

Members present at this meeting was 30. Meeting was adjourned at 8:05 P.M. Duane, W9HWQ, conducted a discussion on the proper use of the RTTY Repeater.

Respectfully Submitted  
Greg A. Miller, KA9FOZ  
Secretary-Treasurer  
Riverland Amateur Radio Club.

## Additional Notes:

Everyone remember that the March meeting is the last night to turn in your total for the pre-fix contest.

Everyone who signed up for the January 19th Christmas dinner, even in the sub-zero weather, showed up and had a good time. This shows that we have a great group of Amateur Radio operators in this area. I look for a great year and club activities with all of this support.

Our club is really going great -- lets keep it up -- give your support by attending the meetings and contribute whatever you can.

---

1) Greg A. Miller	KA9FOZ
2) John Carroll	W9MMP
3) Ron Reed	KA9ISV
4) John Young	W9KAZ
5) Ernie Gershon	K9ZVU
6) Mike Nelson	KB9RJ
7) Steve Mrachek	N9CEY
8) Kent Helman	W9LZQ
9) Bruce Bjerstedt	K9CUT
10) Val Elston	WA9FIO
11) Gary L. Webb	N9DHQ
12) Roger Reader	KA9BKK
13) Hugh Barker	KA0EJZ
14) Art Osborn	W0JDC
15) Rick Williams	KV9U
16) Dick Low	K0JYB
17) Jim Theisen	KD9EG
18) Bob Pluntz	WD9FKV
19) Bob Golleran	W9JLH
20) Bill Winder	K9EGQ
21) Herman Ludvik	W9HJV
22) John Markos	KA9LQF
23) L. Knutson (Knutie)	W9SFL
24) Phillip Long	KA9RLI
25) Dallas Miller	K9LEC
26) L. F. (Nook) Bentzen	K9EGQ
27) Graig Goldbeck	N9ETD
28) Jerry Brokowski	WA0HCZ
29) Jim Burcum	K9LBX
30) Duane Fruechte	W9HWQ
31) George Kroner (guest)	KA9HOP
32) Carl Berg (guest)	N5EXA

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A gray-haired lady, long a member of her community and church, shook hands with the minister after the service one Sunday morning. "That was a wonderful sermon," she told him, "just wonderful. Everything you said applies to someone I know."

--Earl A. Mathes  
Keil Tri-County Record.

A wise man once said:

Many a man's tongue has broken his nose.

--Byron McNutt  
Waushara Argus



**YELLOW THUNDER AMATEUR RADIO CLUB**

The February 12, 1985 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order in room 30 of the Baraboo Civic Center by President, Art Kleefisch, W9WSS.

The following members were present:

Art Kleefisch, W9WSS	Baraboo
Ken Ebnetter, K9EN	Portage
Harry Mayland, K9FFT	Baraboo
Peter Sweeney, WD9JIB	Reedsburg
Harry Westlund, K9EMJ	Baraboo

The minutes of the previous were approved as printed in Badger State Ssmoke Signals. No Treasurers report was presented due to absence of the Treasurer.

Brief committee reports were presented on the classes. Communications and announcements were read.

No old business:

No new business:

The door prize drawing was held for \$3.00. The winner was Fred Becker, W9KKM, who was not present so the prize will be \$4.00 for the next meeting.

The meeting was adjourned by President Art Kleefisch, W9WSS.

The program for the meeting was a round-table discussion of Amateur Radio antennas. In addition to antennas themselves, the discussion included problems with cable TV channel E, antenna zoning and restrictive covenants, antenna towers, and antenna insurance.

The members then retired to the Country Kitchen where Jim Romelfanger, K9ZZ, joined us, and the discussions continued.

The next meeting of the YTARC will be held on Wednesday March 13, 1985 in room 30 of the Baraboo Civic Center. No program has been announced at the time this is being prepared..

**YTARC BIRTHDAZE:**

The following YTARCers are celebrating their birthdays in March.

Art Escher	WA9WUS	March	12
Fred Becker	W9KKM	March	17

**Sentence Sermon**

There is so much good in the worst of us,  
And so much bad in the best of us,  
That it hardly behooves any of us  
To talk about the rest of us.

--Edward Wallis Hoch

**Filter for your Electricity**

If you've noticed a sludge or clay-like build-up inside your tubes or diodes lately, or even if you haven't but recently added new equipment to your station there is a simple preventive step you can take to save lot of bucks down the road; filter your electricity.

You know how every time the city works on the water pipes, it loosens up a lot of rust? Well, the same thing happens when the electric company works on the lines and they are not always careful to drain off before putting the line back in service. So, it's up to you to protect those tubes and diodes from getting all clogged up.

To test for clogged equipment, loosen and remove one of the easier to get at tubes, invert it, and tap it several times against a hard surface. If you notice debris falling inside the tube, the condition is advanced. (with metal tubes and solid state devices, this condition cannot easily be observed so it is recommended that a hole be drilled in the top of metal tubes for observations; with solid state devices you may have to peel off a layer and see if the holes are plugged up and not moving freely).

To filter your electricity, run the hot lead through an ordinary quart fruit jar. Empty the jar when the sediment is one-fourth full, sometimes referred as three-fourths empty. The electrons will jump straight across the jar, but the sediment, because of its greater weight, will fall to the bottom.

**Caution:** Avoid breathing the filter dust, especially if you have an asthmatic condition.

This filter will add years to the life of the tubes and diodes.

Dayton's R.F. Carrier  
via The State of the ARTS and ARNS

Formula for nostalgia: The good old days multiplied by a bad memory.

--John P. Adams, Belleville Recorder

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WSBN	YES	3985	2330Z	1730	WA9ZTY
WNN	YES	3723	0000Z	1800	KA9OBP
WSSN	YES	3645	0030Z	1830	N9BDL
WIN-E	YES	3662	0100Z	1900	WB9ICH
WIN-L	YES	3662	0400	2200	KC9CJ
NWTN	YES	34/94	0030Z	1830	W9JSF
WCWTN	YES	31/91	0030Z	1830	N9DIH
GR.BAY	NO	72/12	0245Z	2045	WB9NRK
			THU	WED	
WRN	NO	3625	0000Z	1800	K9UTQ
	RTTY	Mon. Wed. Fri.	UTC		
		Sun. Tue. Thu.	Local time		

## NORTHWOODS TRAFFIC NET REPORT

Carl J. Lindtsrom, W9JSF, NM  
110 Woodland Heights Manor  
Rhineland WI 54501

First, a word of sincere thanks to BSSS for the opportunity to report through the pages of this excellent Ham publication.

The past three months have found the members of the Northwoods Traffic Net active in bringing about an increase in the number of checkins and in our traffic totals. This reflects credit on all the members and the net control stations as well.

November of 1984 recorded 404 checkins and 61 pieces of traffic cleared. December showed an increase to 425 checkins and 92 pieces of traffic cleared. In January of '85, we had 447 checkins, and we cleared 65 messages. Each month showed an increase over the previous year. Good work!!

We are also happy to report that our net membership has grown from 30 to 33 with the addition of AA9Y, KY9R, and KX9Z. Mike, Gerry and Mary have participated for a considerable period of time, and we are delighted to welcome them as members of the Northwoods Traffic Net.

A number of our net members recently took part in another fine public service event, when they provided Amateur Radio Communications for ski races in the northwestern part of our area. The participation was organized by Mike, KA9BHL, and Wally, N9CLE. Congratulations to them, and to all who withstood the severe cold in order to render this service.

Recently, our friend and net member K8DXR, Bruno, was in the hospital for surgery, and so we were happy to hear him check in to the net again four nights ago. He is back home, and is showing steady improvement.

Last week, we had the pleasure of welcoming another Father and son team to Ham Radio and our net. KA9RXH, Kyle, who is the son of a proud father Bill, W9ZBD, called into the net after passing his Technician class exam. We hope he will soon be a member of our net. CONGRATULATIONS, KYLE!!

We are always delighted to have visitors check in to our net, so when you are in the Northwoods area, we cordially invite you to check in to the NWTN at 6:30 p.m. central time on 146.94 (down 600). You will be greeted by one of our fine Net Control Stations KA9LER, K9BTP, KA9BHK, W9ZZM, K9RMN, N9BDL, or by yours truly, W9JSF.

-73, W9JSF, Carl, NM NWTN

From the GEARVAKf Bulletin

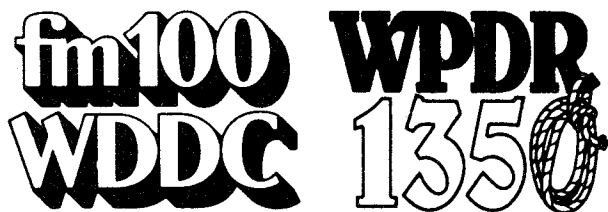
WSYIPEs RETORT....

"Dr. Ragchew" now available

Following on the success of the popular "Dr. DX" computer program which simulates actual DX contacts on the Ham bands, GEARVAKf Software Labs have now announced "Dr. Ragchew," a program which simulates typical 75 meter QSOs. Available in an AM and a SSB version, Dr. Ragchew can carry on a conversation at any time, on any subject such as comparing gear; antennas; how many hundred db over S9 you are; SWR--and it includes a 25-minute-long 73 and sign-off routine. A subroutine program for QCWA members includes questions and comments on "how things used to be", "why transistors don't work", "prostate trouble and other things that get you up in the night," and "why Franklin Roosevelt ruined the country." Dr. Ragchew also provides various types of deliberate and malicious interference such as, "testing, testing, hellooooo radiooo," VFO sweeps, music, catcalls, woodpecker noise, and 20 over 9 power line noise which comes intermittently. Developers are also planning a 2 meter FM version which will include a debate on "full quieting" and how much stronger than "full quieting" your signal is.

--N8JR

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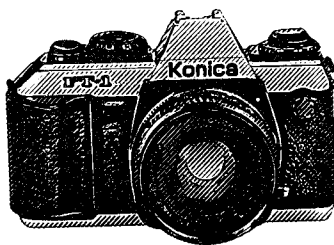
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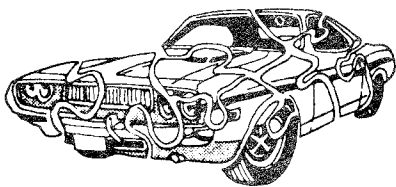
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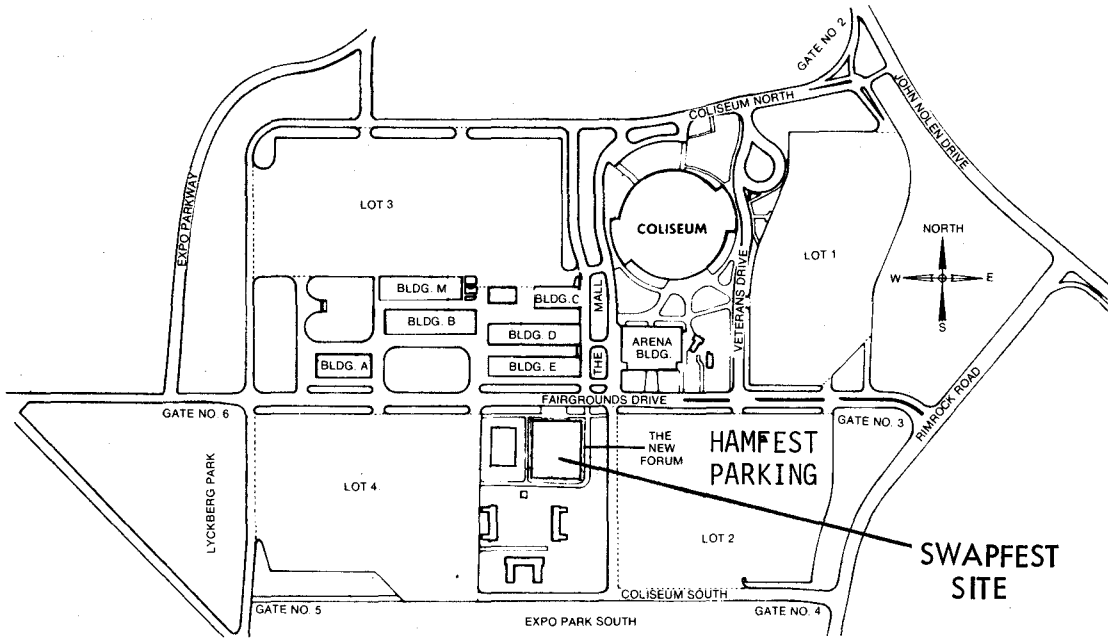
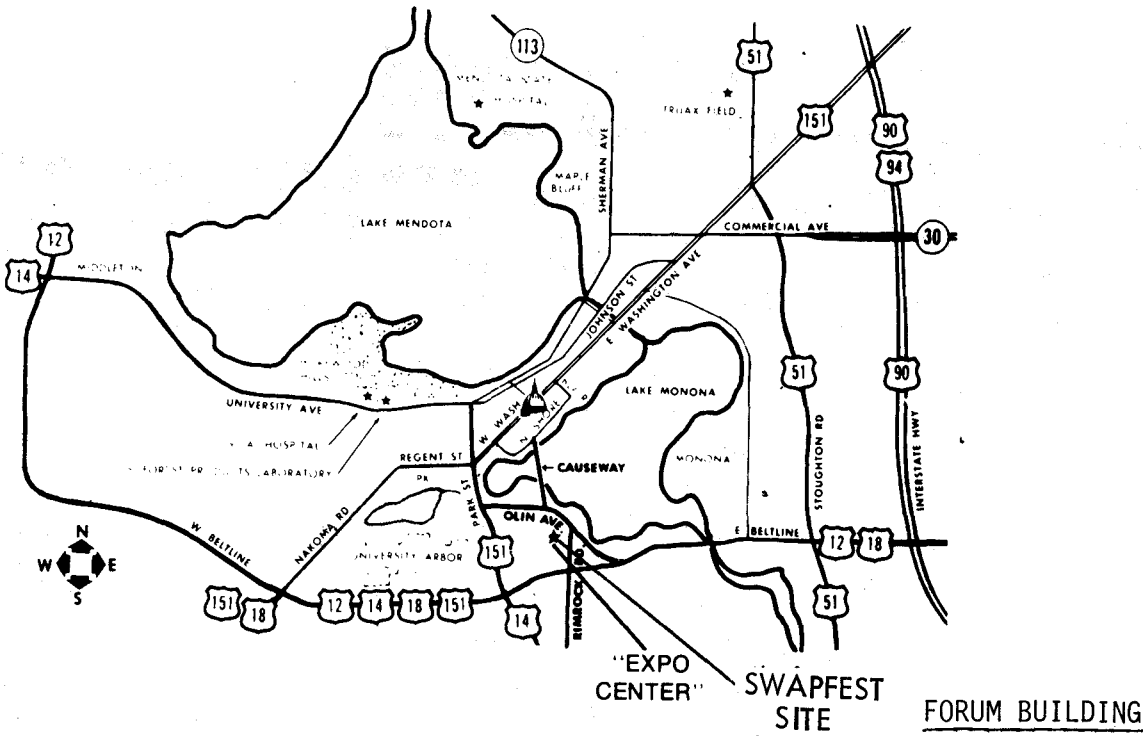
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Badger State Smoke Signals will carry current Amateur Radio news, news about YELLOW THUNDER ARC, RIVERLAND RADIO CLUB, WNA, ARRL and other clubs and groups in Wisconsin as well. You will be kept apprised of what is happening in our hobby - locally, regionally, nationally and around the world. Among the many features will be Sentence Sermons, member birthdays, swapfest calendar, ARRL section news, humor and excellent feature articles by well-known Amateurs in Wisconsin and elsewhere. Reports will be included from ARRL Bulletins, ARRL Newsletters, and Westlink Reports, along with items of interest from exchange newsletters and the ARNS.

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